

Rakesh Ranjan

Senior Software Engineer

Motivated Senior Software Engineer highly effective at developing new programs and fixing problems with existing systems. Proficient in Java and Agile/SCRUM methodology.

Work History

**2018-10 -
Current**

Senior Software Engineer

Oracle India Private Limited, Hyderabad, Telengana
Currently working with Oracle as senior software engineer for their social-platform.

Social Cloud provides a platform , by which customer , based on some keyword can get statistics over social network.

Projects

Solr Manager (October-2018 to January-2019)

- Does scheduled maintenance activity for solr written in scala
- Provides CLI for the maintenance activity

Use case of application

- In a configured time it Create / Delete Collections based on dates(Monthly/Weekly) and languages
- In a configured time it Create / Delete Query core(For Distributed Query) and update aliases
- In a configured time it Checks the health of shards of each collections , and sends alerts if any one is unhealthy
- Solr Manager also provided CLI for above operations
- In the application we maintain graphite metric , and set threshold to alert if any failure is there

Technologies Used : SolrJ (provided API to access Solr),Scala,Zookeeper,Graphite,Chef(For Configurations update and deployment)

Compliance Archiver (January-2019 to February -2019)

- Compliance archiver is a module developed for backfill operation
- It will write compliance JSON file to file system or to

Contact

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WWW

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Skills

Java

●●●●●
Excellent

Spring

●●●●●
Very Good

Scala

●●●●●
Good

Spring

●●●●●
Good

JavaScript

●●●●●

HDFS and from there Compliance Reader will pass down to other pipeline

- Alert if any failure

Technologies used : Scala, Kafka Batch

Worker[Developed in house , used to consume messages in batch , and in successful processing will commit the offset]

OCI Migration (March-2019 to May-2019)

- During this period we were moving from one infra to other along with important changes in solr like solr version upgrade required data type changes , way to query solr
- Writing chef cookbooks for the applications for deployment

Technologies/Tools used : Java , Chef , Solr , Shell Scripting

Message Tracker (April-2019 to May-2019)

- Message Tracker is dropwizard based rest application which will track till what level in system did messages went
- Used internally by support team , testing team

Technologies used : DropWizard , Java , Guice

Rules Engine (May-2019 to Current)

- Rules Engine alerts customer based on certain parameters it selects like alert if number of messages is greater than the provided value
- Alert if specified amount of +ve/-ve sentiments crosses threshold

Technologies used : Java , Kafka , Flink (It will process data in real time in a specified window)

Spark Apps Migration to Flink(August-2019 to September -2019)

- Spark app in realtime writes data to HBASE
- To make data processing towards realtime , migrated spark apps to Flink

Technologies used : Java , Spark , Flink , Hbase

Good

Zookeeper



Kafka



Hbase



Python



2016-09 -
2018-09

Senior Software Engineer

Netcracker Technologies, Hyderabad, Telangana

Worked in portal development based on TOMS API.

Worked on creating wrapper on top of Rating and billing Manager(RBM) and exposed rest API to be used

by other microservice

Key Area :Java, Spring , JavaScript, ORACLE

11g,ReactJS,Rest Webservice

Projects

WindStream Improvement : (October 2016-Jan 2017)

Use Case :

- Create Rainlet Dashboard and widgets according to specification
- Integrate BSS portal in NetCracker TOMS

Technologies used :

Java, Spring, Liferay(6.1), Javascript, JSP

BSS DemoBox Development :(Jan 2017-March 2017)

Use Case:

- Designing and development of the product, writing JavaScript for the UI functionality
- Integrated OAuth 2.0 in BSS portal according to new TOMS
- Created Convert and Migrate Bucket Functionality based on new Requirement

Tools/Technologies used :

Java, Spring, Liferay(6.1), Javascript, JSP, OAuth2

BSS Portal development :(March 2017-July 2017)

Use case was to develop customised portal based on customer requirement .

Based on requirement we were asked to design pages and change backend based on requirement .

- Create Trouble Ticket Functionality UI
- Sales Order Listing , Transaction Listing, Summary Page Creation page
- Created API for Service issue of a particular service in TOMS

Tools/Technologies used :

Liferay(6.1), Java, Spring, JavaScript, JQuery, JqGrid, Bootstrap

Digital Market Place , Product Development(August 2017-September 2018)

Digital Market place application is a microservice which talks to rbm by plsql procedure and create rating , whose billing will be done by billing management .

we expose API for other microservices ,

Technologies : Spring Boot, Spring MVC, Spring JDBC,

2013-06 -
2016-09

Software Developer

Amdocs, Pune, Maharashtra

Worked as a senior software developer , in OSS suite , BSS Suite , and tools development for infrastructure team .

Key Areas: Java, JavaScript, Jenkins, Oracle11g, XPI
–Cross Portfolio Installer

Amdocs Network Navigator On the Go(June 2013-November-2013)

ANN-OOTG is a product of Amdocs which lies over Amdocs Cramer OSS suite.

It provides the inventory of all networking components by which telecom operator can decide what and where to place their components

Worked as junior developer .

Technologies used : JavaScript, BackBone.js(very basic), Bootstrap

DataBase Enhancement of Jenkins Plugins(December 2014 -March 2014) :

Entire status of plugin (i.e. State ,Failure reasons etc) was to be saved to the DB

Activities:

- This involves Requirement Gathering , development and Testing
- End to End Design of DB Structure, DB Queue , Development , Testing ,Delivery and Support

Key Areas: Java, Maven,Oracle

Amdocs Monitoring and Control (April 2014- March 2015):

This Product of Amdocs provided a framework over which one can Monitor ,control their process on server . Used in almost all the products of Amdocs.

Activities:

- Was responsible for Enhancement of existing module and Design and Development of new Modules in the product
- Design and developed Proprietary Enablement in Different locale of the product
- Design and developed Global Logon feature of the product

- Bug Fixing and Support

Key Areas: Java, Javascript, JSP, Maven, Oracle

Ordering Management System (April 2015, Sept 2016) :

Description:

This is a CRM product of which is used in the BSS layer of telecom field .

Activities:

- Was responsible for Enhancement of existing module and Design and Development of new Modules in the product
- Bug Fixing and Support

Key Area : Java, Spring

Education

2010-08 -
2013-05

MCA: Computer Application

NIT Durgapur - Durgapur

- Graduated in Top 10% of Class
- CGPA : 8.2

2007-08 -
2010-05

**Bachelor of Computer Applications:
Computer Application**

Patna College, Patna University - Patna, Bihar

2nd in class.

Percentage : 83.33%

2004-08 -
2007-05

**12th:
Physics, Chemistry, Mathematics, English, Hindi**

College of Commerce - Patna

Percentage : 60.66%

2003-05 -
2004-05

10th

B.D. Public School - Patna, Bihar